



MISSISSIPPI CRIME LABORATORY

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Lab Case #: 14-003509

Request: 0002

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TOXICOLOGY Report

March 24, 2014

Main Laboratory

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JACKSON, MS 39216

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FAX: 601-987-1615

CMEI Marl Cobler, III

LAUDERDALE COUNTY CMEI

11112 SUQALENA DRIVE EXT

Meridian, MS 39305

601-482-4033

REFERENCE- Agency Case # 14-0219

VICTIM: Christian Andreacchio

SUSPECT: Whitley Alexis Goodman

SUSPECT: Dylan Swearingen

REQUEST FOR ANALYSIS

On 2/27/2014 it was requested that the TOXICOLOGY section perform the following analysis: Drug Screen - Other. This examination was completed on 3/24/2014.

EVIDENCE

On 2/27/2014 at 2:28 PM, Forensic Scientist Melissa DeBerry received the following evidence from the MS STATE MEDICAL EXAMINER via Dennis Sanders:

Evidence Submission 001

One sealed plastic bag labeled "Andreacchio, Christian" containing various biological specimens.

DRUG CONFIRMATION RESULTS

Submission #: 001

See below

Submission #001 was submitted to NMS Labs for analysis. A copy of the NMS report will be attached.

REMARKS

Some of the items submitted in this case were not analyzed for drugs.

CONT'D:

CERTIFIED REPORT

Case Analyst:



Shan Hales, D-ABC, DFTCB
Section Chief - Toxicology

Technical Reviewer:



T J Graham, DFTCB
Forensic Scientist

CC:

iResults DA - 10th Judicial District

This report represents the analytical results of the examinations performed on the items of evidence in this case. It should be noted that this report does not represent all documentary items contained in the master file. Should additional material be required for court purposes, please contact the laboratory as soon as possible.

All samples submitted for toxicological examination will be routinely disposed of six (6) months after analyses are completed. If you anticipate that this evidence will be needed, please contact the laboratory to arrange for its return.





NMS Labs

CONFIDENTIAL

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Robert A. Middleberg, PhD, DABFT, DABCC-TC, Laboratory Director

Toxicology Report

Report Issued 03/17/2014 11:04

To: 10109

Mississippi State Medical Examiner Office

Attn: Sam Howell

1700 E. Woodrow Wilson

Jackson, MS 39216

Patient Name ANDREACCHIO, CHRISTIAN

Patient ID 14-003509-001

Chain 11715429

Age Not Given DOB Not Given

Gender Not Given

Workorder 14056703

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Positive Findings:

| <u>Compound</u> | <u>Result</u> | <u>Units</u> | <u>Matrix Source</u> |
|-----------------|---------------|--------------|------------------------|
| Caffeine | Positive | mcg/mL | 001 - Subclavian Blood |

See Detailed Findings section for additional information

Testing Requested:

| <u>Analysis Code</u> | <u>Description</u> |
|----------------------|--|
| 8052B | Postmortem Toxicology - Expanded, Blood (Forensic) |

Specimens Received:

| <u>ID</u> | <u>Tube/Container</u> | <u>Volume/ Mass</u> | <u>Collection Date/Time</u> | <u>Matrix Source</u> | <u>Miscellaneous Information</u> |
|-----------|------------------------|-------------------------|---------------------------------|----------------------|--------------------------------------|
| 001 | Gray Top Tube | 8.25 mL | Not Given | Subclavian Blood | |
| 002 | Gray Top Tube | 8.25 mL | Not Given | Subclavian Blood | |
| 003 | Gray Top Tube | 4 mL | Not Given | Subclavian Blood | |
| 004 | Red Top Tube | 4.75 mL | Not Given | Vitreous Fluid | |
| 005 | Blue Plastic Container | 20 mL | Not Given | Urine | |

All sample volumes/weights are approximations.

Specimens received on 03/07/2014.



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Detailed Findings:

| Analysis and Comments | Result | Units | Rpt. Limit | Specimen Source | Analysis By |
|-----------------------|----------|--------|------------|------------------------|-------------|
| Caffeine | Positive | mcg/mL | 1.0 | 001 - Subclavian Blood | LC/TOF-MS |

Other than the above findings, examination of the specimen(s) submitted did not reveal any positive findings of toxicological significance by procedures outlined in the accompanying Analysis Summary.

Reference Comments:

1. Caffeine (No-Doz) - Subclavian Blood:

Caffeine is a xanthine-derived central nervous system stimulant. It also produces diuresis and cardiac and respiratory stimulation. It can be readily found in such items as coffee, tea, soft drinks and chocolate. As a reference, a typical cup of coffee or tea contains between 40 to 100 mg caffeine.

The reported qualitative result for this substance was based upon a single analysis only. If confirmation testing is required please contact the laboratory.

Unless alternate arrangements are made by you, the remainder of the submitted specimens will be discarded six (6) months from the date of this report; and generated data will be discarded five (5) years from the date the analyses were performed.

Workorder 14056703 was electronically
signed on 03/17/2014 09:45 by:

Susan Crookham,
Certifying Scientist

Analysis Summary and Reporting Limits:

All of the following tests were performed for this case. For each test, the compounds listed were included in the scope. Please refer to the Positive Findings section of the report for those compounds that were identified as being present.

Acocde 8052B - Postmortem Toxicology - Expanded, Blood (Forensic) - Subclavian Blood

-Analysis by Enzyme-Linked Immunosorbent Assay (ELISA) for:

| Compound | Rpt. Limit | Compound | Rpt. Limit |
|--------------|--------------|-------------|------------|
| Barbiturates | 0.040 mcg/mL | Salicylates | 120 mcg/mL |
| Cannabinoids | 10 ng/mL | | |

-Analysis by Headspace Gas Chromatography (GC) for:

| Compound | Rpt. Limit | Compound | Rpt. Limit |
|----------|------------|-------------|------------|
| Acetone | 5.0 mg/dL | Isopropanol | 5.0 mg/dL |
| Ethanol | 10 mg/dL | Methanol | 5.0 mg/dL |



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Analysis Summary and Reporting Limits:

-Analysis by High Performance Liquid Chromatography/Time of Flight-Mass Spectrometry (LC/TOF-MS) for: The following is a general list of compound classes included in this screen. The detection of any specific analyte is concentration-dependent. Note, not all known analytes in each specified compound class are included. Some specific analytes outside these classes are also included. For a detailed list of all analytes and reporting limits, please contact NMS Labs.

Amphetamines, Anticonvulsants, Antidepressants, Antihistamines, Antipsychotic Agents, Benzodiazepines, CNS Stimulants, Cocaine and Metabolites, Hallucinogens, Hypnotosedatives, Hypoglycemics, Muscle Relaxants, Non Steroidal Anti-Inflammatory Agents, Opiates and Opioids.